

## 746 TEST SQUADRON



### **MISSION**

The 746 Test Squadron operates the world's premier test facility for guidance and navigation testing. Provides planning, execution, and system-level performance analysis for inertial components, guidance and navigation systems, and Global Positioning System receivers.

### **LINEAGE**

46 Guidance Test Squadron constituted, 1 Aug 1993

Activated, 8 Sep 1993

Redesignated, 746 Test Squadron, 1 Oct 1994

### **STATIONS**

Holloman AFB, NM, 8 Sep 1993

### **ASSIGNMENTS**

46 Test Group, 8 Sep 1993

### **COMMANDERS**

### **HONORS**

**Service Streamers**

**Campaign Streamers**

**Armed Forces Expeditionary Streamers**

### **Decorations**

Air Force Outstanding Unit Awards

[8 Sep]-31 Dec 1993  
1 Jan-31 Dec 1994  
1 Jan-31 Dec 1995  
1 Jan-31 Dec 1997  
1 Jan 2000-31 Dec 2002  
1 Jan-31 Dec 2003  
1 Jan-31 Dec 2004  
1 Jan-31 Dec 2005  
1 Jan-31 Dec 2006

#### EMBLEM

46 Guidance Test Squadron emblem: Blue and yellow are the Air Force colors. Blue alludes to the sky, the primary theater of Air Force operations. Yellow refers to the sun and the excellence required of Air Force personnel. The North Star depicts the definition of true heading and reflects the Squadron's diligence in testing to the true factors. The three orthogonal axes are essential to any navigation system and when combined with the North Star, form the reference for all navigation measurements. The gyroscopic gimbals are comprised of three bands and represent the functions of the unit – to INTEGRATE, TEST, and EVALUATE. The bands also suggest the orbits of navigational satellites and allude to the Squadron's involvement with navigational systems in the past, present, and future. (Approved 21 Dec 1993)



On a disc Azure three orthogonal axis rays emitting from center point ending in an oval and delta one to chief the other two opposing to base, to the right of the one to chief a polestar all Or, overall three gyroscopic rings one of the last surrounding one Tenné in bend and one Gules in bend sinister, all within a narrow border Yellow. Attached above the disc, a Blue scroll edged with a narrow Yellow border and inscribed with the motto, "EXCELLENCE THROUGH INNOVATION," in Yellow letters. Attached below the disc, a Blue scroll edged with a narrow Yellow border and inscribed "746TH TEST SQUADRON" in Yellow letters. **SIGNIFICANCE:** Ultramarine blue and Air Force yellow are the Air Force colors. Blue alludes to the sky, the primary theater of Air Force operations. Yellow refers to the sun and the excellence required of Air Force personnel. The

North Star depicts the definition of true heading and reflects the Squadron's diligence in testing to the true factors. The three orthogonal axes are essential to any navigation system and, when combined with the North Star, form the reference for all navigation measurements. The gyroscopic gimbals are comprised of three bands and represent the functions of the unit—to integrate, test and evaluate. The bands also suggest the orbits of navigational satellites and allude to the Squadron's involvement with navigational systems in the past, present and future. (Approved, 21 Dec 1993)

## **MOTTO**

## **OPERATIONS**

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DEPARTMENT OF THE AIR FORCE ORGANIZATIONAL HISTORIES

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### Sources

Air Force Historical Research Agency, U.S. Air Force, Maxwell AFB, Alabama.

The Institute of Heraldry. U.S. Army. Fort Belvoir, Virginia.